

# **MCB 493 VIR: VIRAL PATHOGENESIS AND EVOLUTION**

**ZIKA  
EBOLA  
CHIKUNGUNYA  
INFLUENZA  
DENGUE  
MERS  
HIV  
WHAT'S NEXT???**

## **VIRUSES ARE EVERYWHERE**

They are intimately involved in the lives of all major life forms on earth, and impose enormous public health and economic burdens upon human society. This course will focus on the common fundamental concepts that underlie and connect the replication, pathogenesis, and evolution of diverse virus families, rather than serve as a detail-focused survey of viruses. Group discussion of primary literature will be used to illustrate experimental approaches for exploring fundamental questions in virology.

CRN# 49845

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